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C 01.08

500.41021X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s): Y. KONISHI, et al

Serial No.: 10/024,718

Filed: December 21, 2001

For: HANDLING SYSTEM AND DEVICE FOR DETERMINING A
STATE OF A SLIP

Group: 2622

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JAN 07 2004

Examiner:

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

January 5, 2004

Sir:

In the matter of the above-identified application, applicant(s) is/are submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits and the following certification specified in 37 CFR 1.97(e).

On information and belief, each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

To the extent that, the documents listed on the attached form equivalent to Form PTO-1449, are not in the English language, the requirement of 37 CFR

1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (500.41021X00) and please credit any excess fees to such deposit account.

Respectfully submitted,



Paul J. Skwierawski
Registration No. 32,173
ANTONELLI, TERRY, STOUT & KRAUS, LLP

PJS/MK/cee
Attachments
(703) 312-6600

Form PTO-1449
Equivalent

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 500.41021X00
Serial No. 10/024,718
Applicant: KONISHI, et al
Filing Date: December 21, 2001
Group: 2622



U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
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6,429,895 B1 8/02 Onuki (corresponds to JP-A-10-191136)

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Foreign Patent Documents

Technology Center 2600

Document No.	Date	Country	Class Subclass	Translation Yes No
7-245726	9/95	Japan		X
10-191136	7/98	Japan (corresponds to USP 6,429,895 B1)		

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609;
Draw line through citation if not in conformance and not considered. Include copy of this form with next
communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 974.00)

Complete if Known	
Application Number	
Filing Date	December 21, 2001
First Named Inventor	KONISHI, YOSHIHARU
Examiner Name	
Group Art Unit	

Attorney Docket No. 500.41021X00

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:
Deposit Account Number 01-2135
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP
 Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17
 Applicant Claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed: Check Credit Card Money Order Other

FEE CALCULATION

2. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	740.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	
SUBTOTAL (1)			740.00

1. EXTRA CLAIM FEES

Total Claims	33 -20** = 13	Fee from below	Fee Paid
		x 18	= 234.00

Indep. Claims 2-3** = 0 x 84 = 0

Multiple Dependent 280 = 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) \$ 234.00		

**or number previously paid, if greater; For Reissues, see above.

3. ADDITIONAL FEES

Fee Code (\$)	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205	65	Surcharge - late filing fee or oath	
127 50	227	25	Surcharge - late provisional filing fee or cover sheet	
139 130	139	130	Non-English specification	
147 2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112	920*	Requesting publication of SIR prior to Examination action	
113 1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115 110	215	55	Extension for reply within first month	
116 400	216	200	Extension for reply within second month	
117 920	217	460	Extension for reply within third month	
118 1,440	218	720	Extension for reply within fourth month	
128 1,960	228	980	Extension for reply within fifth month	
119 320	219	160	Notice of Appeal	
120 320	220	160	Filing a brief in support of an appeal	
121 280	221	140	Request for oral hearing	
138 1,510	138	1,510	Petition to institute a public use proceeding	
140 110	240	55	Petition to revive - unavoidable	
141 1,280	241	640	Petition to revive - unintentional	
142 1,280	242	640	Utility issue fee (or reissue)	
143 460	243	230	Design issue fee	
144 620	244	310	Plant issue fee	
122 130	122	130	Petitions to the Commissioner	
123 50	123	50	Processing fee under 37 CFR 1.17(q)	
126 180	126	180	Submission of Information Disclosure Stmt	
581 40	581	40	Recording each patent assignment per property (times number of properties)	
146 740	246	370	For each additional invention to be examined (37 CFR § 1.129(a))	
149 740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279	370	Request for Continued Examination (RCE)	
169 900	169	900	Request for expedited examination of a design application	
Other fee (specify) _____				

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Melvin Kraus	Registration No. (Attorney/Agent)	22,466	Telephone	703-312-6600
Signature				Date	December 21, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.